

## SUNFLOWER ANTI-PATHOGENIC PROTEINS AND GENES AND THEIR USES

### ABSTRACT OF THE DISCLOSURE

Compositions and methods to aid in protecting plants from invading pathogenic organisms are provided. The compositions of the invention comprise anti-pathogenic genes, including 5' regulatory sequences in the promoter, and proteins encoded by the anti-pathogenic genes. The compositions find use in methods for reducing or eliminating damage to plants caused by plant pathogens. Transformed plants, plant cells, tissues, and seed having enhanced disease resistance are also provided.